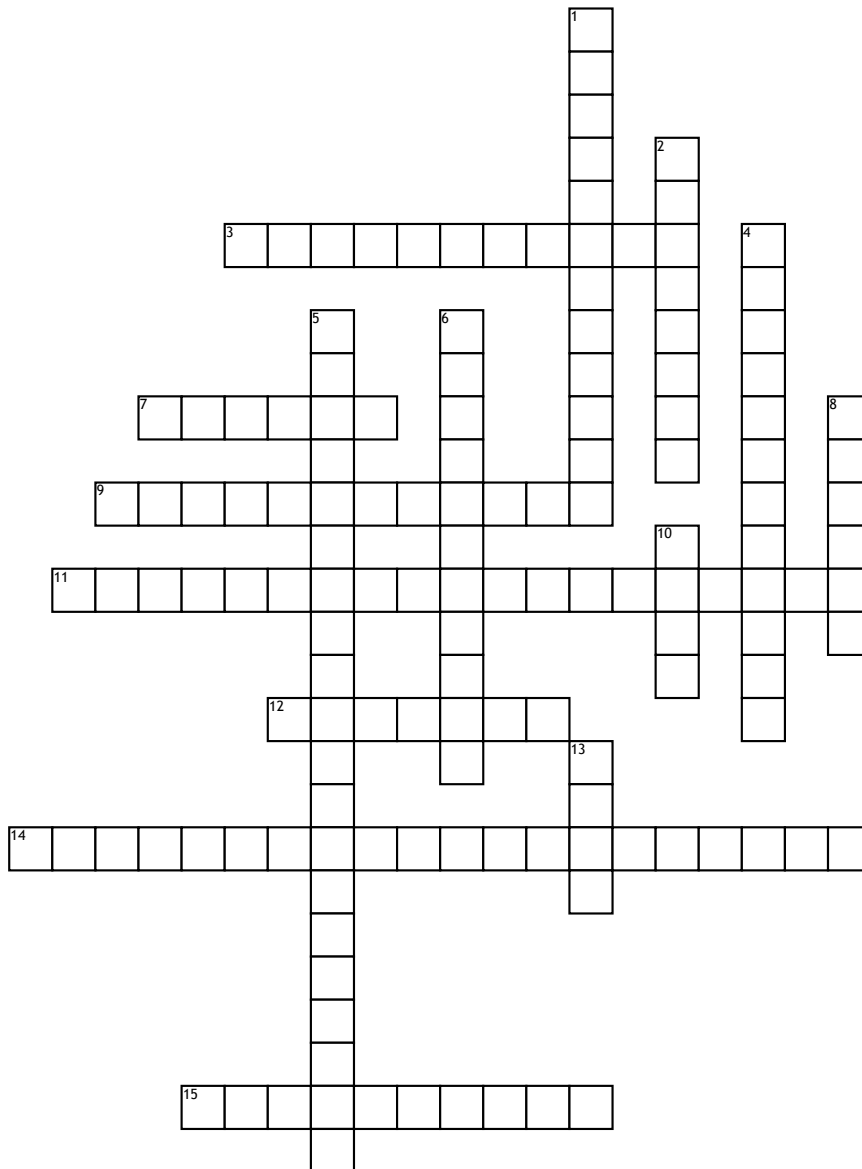


# Thermal Chemistry Vocabulary



## Across

3. the process of changing from one state of matter to another (Solid to liquid, Gas to liquid, etc)

7. The lower the Specific heat the \_\_\_\_\_ it heats up

9. A phase change when liquid changes to gas (endothermic)

11.  $q = m \times C \times \Delta T$ ... What does  $\Delta T$  stand for?

12. A phase change when Solid changes to liquid (endothermic)

14.  $q = m \times C \times \Delta T$ ... What does  $c$  stand for?

15. a process that releases heat

## Down

1. A phase change when gas changes to liquid (exothermic)

2. A phase change when Liquid changes to Solid (exothermic)

4. A plot of temperature versus time, showing the amount of energy a substance has absorbed with increasing temperature ( a graph that shows what happens when you heat solid until it becomes a gas)

5. The heat required to increase the temperature of 1 gram of a substance by 1 degree C.

6. a process that absorbs heat

8. Unit of Energy

10.  $q = m \times C \times \Delta T$ ... What does  $m$  stand for?

13.  $q = m \times C \times \Delta T$ ... What does  $q$  stand for?